

VULCAGARDEN

FERTILE SOIL FOR CONSTRUCTION OF TECHNOLOGICAL AND DECORATIVE LAWNS AND SPORTS FIELDS

COMPOSITION:

Fertile soil consisting of a mixture of volcanic minerals (sand of volcanic lapillus and sand of pumice in adequate percentages enriched with the addition of volcanic ashes), humidified organic matter (composted vegetable material) and mixed fertilizers with nitrogen in the form of controlled transfer.

APPLICATION FIELDS:

- Parks and gardens
- Urban arrangements
- Sports fields
- Management and maintenance of green plants

PHYSICAL AND CHEMICAL PROPERTIES:

- Specific weight: from 950-1100kg/m³ (dependent on moisture of quarry)
- Grain size: from 0 to 3 mm
- Water retention (available/usable water): from 15% to 20% in volume
- pH: between 7 and 8
- Organic materials: 25%
- C.S.C.: circa 30meq/100g
- Active limestone free
- Chemical composition: see table below

Medium chemical analysis	PUMICE	LAPILLUS
SiO ₂	62,5 %	56 %
Al ₂ O ₃	17,5 %	16,5 %
K ₂ O	9,5 %	4,9 %
Fe ₂ O ₃	2,6 %	6,5 %
CaO	2,5 %	8,8 %
Na ₂ O	2,2 %	2,2 %
TiO ₂	0,5 %	0,8 %
MgO	0,4 %	3,1 %
PH	7 - 8	7 - 8

FUNCTIONAL PROPERTIES:

It is a large-pored product ideal for the construction of decorative lawns either trough sowing, or trough usage of lawns ready to unroll

VULCAGARDEN is a ready product, easy to use, free from toxic and dangerous essences and weed seeds

VULCAGARDEN contributes to the formation of lawns which enable intensive use

VULCAGARDEN is usable for planting every decorative plant

DECORATION LAWNS WITH VULCAGARDEN:

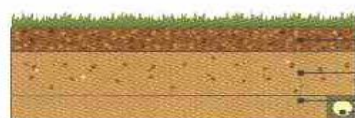
Improvement of physiochemical properties and the drainage purpose of the ground.



Filling of 5 cm Pumice Sand or Vulcamix
Watertight ground



Machining with harrows to mix the volcanic sands under the ground, and reach an improvement of physiochemical properties and the drainage purpose



Filling and levelling of 5 cm Vulcagarden all over the surface
Sowing or mounting of a turf
Planting of decorative essence
Original improved ground

AVAILABLE UNPACKED, IN BAGS (BIG-BAGS) 1,5MC SIZE AND IN 33LT BAGS PACKED ON PALLETS (45 bags on each pallet)

This mineral is a natural raw material. All data indicated above are therefore approximate and do not provide any warranty.